

ABSTRACT

Power consumption of a mobile terminal is suppressed by regulating a data transmission rate, depending on a residual amount of battery power. Battery holding times and maximum data transmission rates are stored in a table. A battery holding time calculation unit calculates an estimated battery holding time on the basis of a residual amount of battery power detected by a battery residual amount detection unit and transmission power information generated by the transmission power control unit. A comparison unit reads out from the table the maximum data transmission rate which corresponds to the estimated battery holding time, and compares the read-out maximum data transmission rate with the data transmission rate to be used by the mobile terminal. By using a lower data transmission rate obtained as the comparison result, a call request is made by the mobile terminal.

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